

EFFECTIVE: 07-01-2004

# MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

## STANDARD PLANS TABLE OF CONTENTS

EFFECTIVE: 07-01-2004

STANDARD NO.	DRAWING TITLE	NO. OF SHEETS	EFFECTIVE DATE
203.00E	EXCAVATION & EMBANKMENT	1	08/01/1998
203.02F	UNDERGRADING	2	01/01/2004
203.10C	TABULATED EARTHWORK AND SECTION DATA	2	07/01/2004
203.20F	SUPERELEVATION SPIRALS AND WIDENING (UNDIVIDED HIGHWAY)	5	04/01/2002
203.21J	SUPERELEVATION SPIRALS AND WIDENING (DIVIDED HIGHWAY)	5	04/01/2002
203.35A	MAILBOX TURNOUTS	1	08/01/1981
203.40F	TYPICAL DETAILS--RAMPS FOR INTERCHANGES (OTHER THAN 6:1 FORESLOPE)	1	01/01/1995
203.41F	TYPICAL DETAILS--RAMPS FOR INTERCHANGES (6:1 FORESLOPE)	1	01/01/1995
203.50M	TYPICAL MEDIAN OPENINGS (DIVIDED HIGHWAYS)	2	07/01/2004
203.61A	DRIVEWAY TYPE I	1	07/01/2004
203.62C	DRIVEWAY TYPE II	2	07/01/2004
203.63A	DRIVEWAY TYPE III	1	01/01/1992
203.64C	DRIVEWAY TYPE IV	2	07/01/2004
203.65A	DRIVEWAY TYPE V	1	10/01/1998
204.00D	EMBANKMENT CONTROL MEASURING DEVICES	1	04/01/1983
204.30	PORE PRESSURE MEASURING DEVICES	1	03/01/1996
413.20	SCRUB SEAL BROOM CONFIGURATION	1	07/01/2004
502.05F	CONCRETE PAVEMENT & BASE APPURTENANCES FOR 15 FT. JOINT SPACING	4	07/01/2004
502.10F	DOWEL SUPPORTING UNITS	1	10/01/1998
504.00F	CONCRETE APPROACH PAVEMENT	3	07/01/2004
602.00D	RIGHT-OF-WAY AND DRAIN MARKERS	2	01/01/2003
604.05C	PIPE CULVERT HEADWALLS - TYPE S	1	10/01/1998
604.10E	PIPE CULVERT HEADWALL-WITH ENERGY DISSIPATOR - 18"	1	07/01/2001
604.11E	PIPE CULVERT HEADWALL-WITH ENERGY DISSIPATOR - 24"	1	07/01/2001
604.12E	PIPE CULVERT HEADWALL-WITH ENERGY DISSIPATOR - 30"	1	07/01/2001
604.13E	PIPE CULVERT HEADWALL-WITH ENERGY DISSIPATOR - 36"	1	07/01/2001
604.14E	PIPE CULVERT HEADWALL-WITH ENERGY DISSIPATOR - 42"	1	07/01/2001
604.15E	PIPE CULVERT HEADWALL-WITH ENERGY DISSIPATOR - 48"	1	07/01/2001
604.20B	DROP INLET - TYPE B	1	04/01/1983
604.21C	DROP INLET - TYPE C	3	07/01/2004
604.22B	DROP INLET - TYPE D	1	04/01/1983
604.23B	DROP INLET - TYPE E	1	04/01/1983
604.24B	DROP INLET - TYPE EE	1	04/01/1983
604.25C	DROP INLET - TYPE F	1	04/01/1989
604.26D	DROP INLET - TYPE G	1	01/01/1989
604.27E	DROP INLET - TYPE S	3	05/01/1997
604.28E	DROP INLET - TYPE T (ALSO INCLUDE 614.30)	1	01/01/1989
604.29C	DROP INLET - TYPE X	1	04/01/1983
604.30F	CONCRETE MANHOLES (ALSO INCLUDE 614.30)	1	04/01/1983
604.40F	PIPE COLLARS	1	10/01/2000
604.70	SLOTTED DRAIN	2	03/01/1994
605.10E	PAVEMENT UNDERDRAINAGE	2	07/01/2004

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606.00AQ	GUARDRAIL	16	07/01/2004
606.01E	BULLNOSE GUARDRAIL SYSTEM	7	10/01/2003
606.22Q	BRIDGE ANCHOR SECTION (SAFETY BARRIER CURB ON BRIDGE)	4	07/01/2004
	(ALSO INCLUDE 606.00)		
606.23G	BRIDGE ANCHOR SECTION (THRIE BEAM RAIL ON BRIDGE)	5	07/01/2004
	(ALSO INCLUDE 606.00)		
606.40D	ONE-STRAND ACCESS RESTRAINT CABLE	2	07/01/2004
606.41H	THREE-STRAND GUARD CABLE	6	07/01/2004
607.10U	CHAIN LINK FENCE	1	07/01/2004
607.11F	CHAIN LINK FENCE FOR RETAINING WALLS	1	07/01/2004
607.20F	WOVEN WIRE FENCE (ALSO INCLUDE 607.10)	1	10/01/1998
608.00G	PAVED APPROACHES	2	04/01/2002
608.10L	CONCRETE SIDEWALK AND CURB RAMPS	2	07/01/2004
608.20D	CONCRETE STAIRS	1	10/01/1992
608.30	CONCRETE MEDIAN STRIP	1	07/01/2004
609.00L	CONCRETE CURB - CURB AND GUTTER - GUTTER	1	07/01/2004
609.15C	PAVED DITCHES	1	03/01/1993
609.40M	DRAIN BASIN, SHOULDER PAVING AND FILL SLOPES AT BRIDGE ENDS	2	07/01/2004
609.60C	ROCK DITCH LINER	1	03/01/1993
609.70C	ROCK LINING FOR CULVERT OUTLETS	1	10/01/1981
611.60P	CONCRETE SLOPE PROTECTION	1	07/01/2004
612.20B	SAND FILLED IMPACT ATTENUATORS	1	07/01/2004
613.00K	PAVEMENT REPAIR	2	07/01/2004
613.20	PARTIAL DEPTH PAVEMENT REPAIR AT JOINTS AND CRACKS	1	07/01/2004
614.10S	CURB INLETS, GRATES & BEARING PLATES	1	03/01/1996
614.11A	CURVED VANE GRATE AND FRAME	1	01/01/1999
614.30E	MANHOLE FRAMES AND COVERS	1	03/01/1996
616.10AE	TEMPORARY TRAFFIC CONTROL DEVICES (ALSO INCLUDE 903.01)	8	07/01/2004
617.10C	PERMANENT CONCRETE TRAFFIC BARRIER	7	07/01/2004
617.20B	TEMPORARY CONCRETE TRAFFIC BARRIER	6	07/01/2004
619.10C	PAVEMENT EDGE TREATMENT	3	07/01/2004
620.00C	PAVEMENT MARKING	3	07/01/2004
620.10	TEMPORARY PAVEMENT MARKING	4	07/01/2004
620.20	SNOWPLOWABLE RAISED PAVEMENT MARKERS	4	01/01/2003
625.00	HOLE PATTERN FOR PAVEMENT SLAB STABILIZATION	1	10/01/1998
626.00C	SHOULDER RUMBLE STRIPS	1	07/01/2004
702.02F	CAST-IN-PLACE CONCRETE PILES (APPROVED TYPES)	1	07/01/2004

# MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

## STANDARD PLANS TABLE OF CONTENTS

EFFECTIVE: 07-01-2004

EFFECTIVE: 07-01-2004

STANDARD NO.	DRAWING TITLE	NO. OF SHEETS	EFFECTIVE DATE
703.10F	CONCRETE SINGLE BOX STRUCTURE (STRAIGHT WINGS-SQUARE)	3	07/01/2004
	(ALSO INCLUDE 706.35)		
703.11F	CONCRETE SINGLE BOX STRUCTURE (FLARED WINGS-SQUARE)	3	07/01/2004
	(ALSO INCLUDE 706.35)		
703.12F	CONCRETE SINGLE BOX STRUCTURE (CUT SECTIONS)	1	07/01/2004
703.13F	CONCRETE SINGLE BOX STRUCTURE (STRAIGHT WINGS-SKEWED)	3	07/01/2004
	(ALSO INCLUDE 706.35)		
703.14F	CONCRETE SINGLE BOX STRUCTURE (FLARED WINGS-SKEWED)	3	07/01/2004
	(ALSO INCLUDE 706.35)		
703.15C	CONCRETE SINGLE BOX STRUCTURE (MEMBER SIZES AND REINFORCEMENTS)	13	04/01/2002
	(ALSO INCLUDE 706.35)		
703.37B	CONCRETE BOX CULVERTS (EXTERIOR WING REINFORCEMENTS)	2	04/01/2001
	(ALSO INCLUDE 706.35)		
703.38A	CONCRETE BOX CULVERTS (CUTTING DETAILS) (ALSO INCLUDE 706.35)	2	10/01/2000
703.40F	CONCRETE DOUBLE BOX STRUCTURE (STRAIGHT WINGS-SQUARE)	2	07/01/2004
	(ALSO INCLUDE 706.35)		
703.41F	CONCRETE DOUBLE BOX STRUCTURE (FLARED WINGS-SQUARE)	2	07/01/2004
	(ALSO INCLUDE 706.35)		
703.42F	CONCRETE DOUBLE BOX STRUCTURE (CUT SECTIONS) (ALSO INCLUDE 706.35)	2	07/01/2004
703.43F	CONCRETE DOUBLE BOX STRUCTURE (STRAIGHT WINGS-SKEWED)	2	07/01/2004
	(ALSO INCLUDE 706.35)		
703.44F	CONCRETE DOUBLE BOX STRUCTURE (FLARED WINGS-SKEWED)	2	07/01/2004
	(ALSO INCLUDE 706.35)		
703.45B	CONCRETE DOUBLE BOX STRUCTURE (MEMBER SIZES AND REINFORCEMENT)	13	04/01/2002
	(ALSO INCLUDE 706.35)		
703.60E	CONCRETE BOX STRUCTURE - PIPE INLET	1	07/01/2001
703.80F	CONCRETE TRIPLE BOX STRUCTURE (STRAIGHT WINGS-SQUARE)	2	07/01/2004
	(ALSO INCLUDE 706.35)		
703.81F	CONCRETE TRIPLE BOX STRUCTURE (FLARED WINGS-SQUARED)	2	07/01/2004
	(ALSO INCLUDE 706.35)		
703.82F	CONCRETE TRIPLE BOX STRUCTURE (CUT SECTIONS)	2	07/01/2004
	(ALSO INCLUDE 706.35)		
703.83F	CONCRETE TRIPLE BOX STRUCTURE (STRAIGHT WINGS-SKEWED)	2	07/01/2004
	(ALSO INCLUDE 706.35)		
703.84F	CONCRETE TRIPLE BOX STRUCTURE (FLARED WINGS-SKEWED)	2	07/01/2004
	(ALSO INCLUDE 706.35)		
703.85B	CONCRETE TRIPLE BOX STRUCTURE (MEMBER SIZES AND REINFORCEMENT)	13	04/01/2002
	(ALSO INCLUDE 706.35)		
706.35H	BAR SUPPORTS FOR CONCRETE REINFORCEMENT	1	07/01/2004
712.40J	STEEL DAMS AT EXPANSION DEVICES (ALSO INCLUDE 706.35)	1	07/01/2004
725.00A	CORRUGATED METAL PIPE INSTALLATION METHODS	3	07/01/2004
STANDARD NO.	DRAWING TITLE	NO. OF SHEETS	EFFECTIVE DATE
725.31C	METAL CURTAIN WALL AND METAL INLETS	1	07/01/2004
726.30F	CULVERT INSTALLATION METHODS	2	07/01/2004
730.00B	CORRUGATED POLYETHYLENE AND POLYVINYL CHLORIDE PIPE INSTALLATION METHODS	2	07/01/2004
731.00T	PRECAST MANHOLES (ALSO INCLUDE 614.30)	1	10/01/1998
731.10P	PRECAST DROP INLETS (ALSO INCLUDE 614.30 AND 614.10)	4	01/01/2002
732.00N	FLARED END SECTION	2	07/01/2004
732.05C	BEVELED PIPE END TREATMENT	2	07/01/2004
732.10F	SAFETY SLOPE END SECTION	2	07/01/2004
806.10E	TEMPORARY EROSION CONTROL MEASURES	7	07/01/2004
808.00	TYPICAL PLANTING ILLUSTRATIONS	3	07/01/2004
901.00V	POLES, FOUNDATIONS & APPURTENANCES FOR 30' MOUNTING HEIGHT	4	07/01/2004
901.01AB	POLES, FOUNDATIONS & APPURTENANCES FOR 45' MOUNTING HEIGHT	6	07/01/2004
901.02B	CABLE, CONDUIT AND TRENCHING (ALSO INCLUDE 902.20)	1	04/01/2002
901.30E	BASE MOUNTED CONTROL STATION	2	04/01/2002
901.80D	POWER SUPPLY ASSEMBLY - SECONDARY SERVICE	1	04/01/2002
901.85A	HIGHWAY LIGHTING	1	01/01/2003
902.00L	SIGNAL HEADS - LENSES - MOUNTING	2	07/01/2004
902.10P	CONTROLLERS, CONDUIT LOCATION	1	07/01/2004
902.15K	POWER SUPPLY ASSEMBLY	2	07/01/2004
902.20C	PULL BOXES	3	07/01/2004
902.21C	TELEPHONE INTERCONNECT	1	03/01/1996
902.30N	POST BASES	2	07/01/2001
902.40N	TUBULAR STEEL POSTS	3	07/01/2004
902.50K	DETECTORS	1	07/01/2004
902.70L	SPAN WIRE DETAILS	2	07/01/2004
902.80G	TRAFFIC SIGNAL SYMBOLS	1	07/01/2004
903.01H	SPECIAL SIGNING CHARACTERS	1	07/01/2004
903.02AG	HIGHWAY SIGNING	18	07/01/2004
903.03AY	SIGN MOUNTING DETAILS	8	07/01/2004
903.04E	WEIGH STATION SIGNING	1	01/01/1999
903.05G	TUBULAR SUPPORT STEEL - TYPE S, ONE TUBE (SPAN)	1	01/01/2003
903.06G	TUBULAR SUPPORT STEEL - TYPE S, TWO TUBE (SPAN)	1	01/01/2003
903.07G	TUBULAR SUPPORT STEEL - TYPE C (CANTILEVER)	1	01/01/2003
903.08F	TUBULAR SUPPORT STEEL - TYPE B (BUTTERFLY)	1	01/01/2003
903.10Y	OVERHEAD SIGN TRUSSES - ALUMINUM (ALSO INCLUDE 903.03)	6	07/01/2002
903.12T	OVERHEAD SIGN TRUSSES-BUTTERFLY & CANTILEVER-STRUCTURAL STEEL	5	07/01/2002
	(ALSO INCLUDE 903.03)		
903.60Y	OVERHEAD SIGN TRUSSES-STRUCTURAL STEEL (ALSO INCLUDE 903.03)	5	07/01/2002